

Miao Li

Ph.D. candidate in Cognitive Psychology

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📍 [miaoli-psy](#)

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Education

- 2018 - Present **Joint Ph.D in Cognitive Psychology**, *Université de Lille, SCALab, Lille, France* (Supervisor: Prof. Bilge Sayim) and *KU Leuven campus Kulak, Numerical Cognition Lab, Kortrijk, Belgium* (Supervisor: Prof. Bert Reynvoet)
- 2016 - 2018 **MSc**, *Research Master Cognitive Neuropsychology, Vrije Universiteit Amsterdam, Amsterdam, the Netherlands*
- 2012 - 2016 **BSc**, *Bachelor in Psychology, Central China Normal University, Wuhan, China*
- 2012 - 2016 **BA**, *Bachelor in History, Central China Normal University, Wuhan, China*

Projects

- 10/2018 - Present Ph.D thesis project **The role of visual crowding in numerosity estimation.**
- 01/2018 - Master thesis project **From past experience to future anticipation: neuro correlates for temporal preparation.**
- 06/2018
- 02/2017 - Research master project **The role of motion masking in remote temporal camouflage.**
- 08/2018
- 03/2014 - Academic project of undergraduates students **A culture and neurological view of power representation.**
- 03/2015

Publications & Preprints

2022

L-Miao, L., Reynvoet, B., & Sayim, B. (in preparation). Crowding and redundancy masking reveal the visual anisotropies of numerosity estimation.

L-Miao, L., Reynvoet, B., & Sayim, B. (in revision). Anisotropic representations of visual space modulate visual numerosity estimation.

2021

L-Miao, L., Reynvoet, B., & Sayim, B. (2021, September 17). Visual numerosity estimation is based on anisotropic representations of visual space. <https://doi.org/10.31219/osf.io/urg3j>

2019

of Menie, M. A. W., te Nijenhuis, J., Shibaev, V., **Li, M.**, & Smit, J. (2019). Are the effects of lead exposure linked to the g factors? A meta-analysis. *Personality and Individual Differences*, 137, 184-191.

Conferences & Communications

2022

L-Miao, L., Dandan, Y. R., Reynvoet, B., & Sayim, B. (29 - 31 August, 2022, poster). Redundancy masking prevents the detection of faces. *European Society for Cognitive Psychology(ESOP)*, 2022, Lille, France.

L-Miao, L., Dandan, Y. R., Reynvoet, B., & Sayim, B. (15 - 18 May, 2022, poster). Redundancy masking of faces: When trios look like duos. *Vision Sciences Society(VSS)*, 2022, Florida, USA.

2021

Li, M., Yildirim, F. Z., Alp, N., & Sayim, B. (21 - 22 October, 2021, talk). Feature migration in redundancy masking. *GDR Vision*, Lille, France.

Li, M., Yildirim, F. Z., Alp, N., & Sayim, B. (21 - 27 August, 2021, poster). Seeing features of unseen objects: feature migration in redundancy masking. *European Conference on Visual Perception(ECVP)*, online.

Li, M., Reynvoet, B., & Sayim, B. (21 - 26 May, 2021, poster). More crowded, less numerous: Crowding reduces the number of perceived items in numerosity perception. *Vision Sciences Society(VSS)*, online.

2020

Li, M., Reynvoet, B., & Sayim, B. (19 - 21 November, 2020, poster). Perceived numerosity in crowded and uncrowded displays. *Visual psychonomics*, online.

2019

Li, M., Reynvoet, B., & Sayim, B. (25 - 29 August, 2019, talk). Crowding reduces numerosity estimates for large numbers. *European Conference on Visual Perception(ECVP)*, Leuven, Belgium.

Li, M., Reynvoet, B., & Sayim, B. (23 - 24 June, 2019, poster). The role of crowding in perceived numerosity. *Workshop on Visual Crowding*, Murten, Switzerland.

Li, M., Reynvoet, B., & Sayim, B. (9 - 10 May, 2019, talk). Do crowded displays look less numerous? *8th Annual meeting Advances in Numerical Cognition Research*, Blankenberge, Belgium.

Skills

Programming	Experienced with Python, Matlab, R, and JavaScript
EEG	Familiar with EEG in data collection, pre-processing, ERPs and time-frequency analyses
Data Analysis	Experienced with visual psychophysics experiments and modeling
Teaching	Experimental psychology, cognitive psychology
Languages	Chinese (Native), English (Full Professional Proficiency), and French (Elementary Proficiency)